BRUHAT BANGALORE MAHANAGARA PALIKE

Project Division Yelahanka ZONE

Package-7:NAME OF WORK ; Improvements of roads for layout where the cauvery and UGD works are in progress in ward no 5 and ward no 6 byatarayanapura sub division

Measurement Sheet

1st & Part Bill

Name of Agency: Sri. R. Satheesh (M/S Sathya Constructions)

Tender Notification No. BBMP/YNK/EE(PROJECTS/TEND/21/2017-18)

Item No: 4

Item Name: Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications

SLNO	CHAINAGE Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-measurement recorded on: 7/4, 12/4, 13/4, 15/4, 20/4, 31/4, 9/5, 16/5, 23/5 & 30/5/18.										
ward no 5										
kogilu Main Road										
	0.00	30.00	1	30.00	2.30	2.50	2.40	0.04	2.88	
	30.00	60.00	1	30.00	2.50	1.90	2.20	0.04	2.64	
	60.00	90.00	1	30.00	1.90	2.10	2.00	0.04	2.40	
	90.00	120.00	1	30.00	2.10	2.15	2.13	0.04	2.55	
	120.00	150.00	1	30.00	2.15	2.40	2.28	0.04	2.73	
	150.00	180.00	1	30.00	2.40	1.80	2.10	0.04	2.52	
	180.00	210.00	1	30.00	1.80	1.80	1.80	0.04	2.16	
	210.00	240.00	1	30.00	1.80	2.50	2.15	0.04	2.58	
	240.00	270.00	1	30.00	2.50	1.80	2.15	0.04	2.58	
	270.00	300.00	1	30.00	1.80	1.90	1.85	0.04	2.22	
	300.00	330.00	1	30.00	1.90	2.40	2.15	0.04	2.58	
	330.00	360.00	1	30.00	2.40	2.50	2.45	0.04	2.94	
	360.00	390.00	1	30.00	2.50	2.20	2.35	0.04	2.82	
	390.00	420.00	1	30.00	2.20	3.10	2.65	0.04	3.18	
	420.00	450.00	1	30.00	3.10	2.80	2.95	0.04	3.54	
	450.00	480.00	1	30.00	2.80	2.80	2.80	0.04	3.36	
	480.00	510.00	1	30.00	2.80	2.40	2.60	0.04	3.12	
	510.00	540.00	1	30.00	2.40	2.70	2.55	0.04	3.06	
	540.00	570.00	1	30.00	2.70	2.20	2.45	0.04	2.94	
	570.00	600.00	1	30.00	2.20	2.30	2.25	0.04	2.70	
	600.00	630.00	1	30.00	2.30	2.10	2.20	0.04	2.64	
	630.00	660.00	1	30.00	2.10	2.70	2.40	0.04	2.88	
	660.00	690.00	1	30.00	2.70	2.40	2.55	0.04	3.06	
	690.00	720.00	1	30.00	2.40	3.10	2.75	0.04	3.30	
	720.00	750.00	1	30.00	3.10	2.90	3.00	0.04	3.60	
	750.00	780.00	1	30.00	2.90	2.60	2.75	0.04	3.30	
	780.00	810.00	1	30.00	2.60	2.20	2.40	0.04	2.88	
	810.00	840.00	1	30.00	2.20	2.10	2.15	0.04	2.58	
	840.00	870.00	1	30.00	2.10	2.80	2.45	0.04	2.94	
	870.00	900.00	1	30.00	2.80	2.10	2.45	0.04	2.94	
	900.00	930.00	1	30.00	2.10	1.90	2.00	0.04	2.40	
	930.00	960.00	1	30.00	1.90	2.50	2.20	0.04	2.64	
	960.00	990.00	1	30.00	2.50	2.50	2.50	0.04	3.00	
	990.00	1020.00	1	30.00	2.50	2.10	2.30	0.04	2.76	

30/5

E.E. (Projects)

R. 1

Asst. Executive Engineer
Project Division
Yelahanka Zone

SLNO	CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	1020.00	1050.00	1	30.00	2.10	2.90	2.50	0.04	3.00	
	1050.00	1080.00	1	30.00	2.90	3.00	2.95	0.04	3.54	
	1080.00	1110.00	1	30.00	3.00	2.60	2.80	0.04	3.36	
	1110.00	1140.00	1	30.00	2.60	2.60	2.60	0.04	3.12	
	1140.00	1170.00	1	30.00	2.60	2.60	2.60	0.04	3.12	
	1170.00	1177.00	1	7.00	2.60	2.60	2.60	0.04	0.73	
	1177.00	1196.00	1	19.00	2.60	2.40	2.50	0.04	1.90	
	1196.00	1219.00	1	23.00	2.40	2.40	2.40	0.04	2.21	
	1219.00	1228.40	1	9.40	2.40	4.30	3.35	0.04	1.26	
	1228.40	1258.40	1	30.00	4.30	2.60	3.45	0.04	4.14	
	1258.40	1288.40	1	30.00	2.60	2.80	2.70	0.04	3.24	
	1288.40	1318.40	1	30.00	2.80	2.60	2.70	0.04	3.24	
	1318.40	1348.40	1	30.00	2.60	2.90	2.75	0.04	3.30	
	1348.40	1360.70	1	12.30	2.90	2.90	2.90	0.04	1.43	
	1360.70	1390.70	1	30.00	2.90	2.90	2.90	0.04	3.48	
	1390.70	1401.70	1	11.00	2.90	2.40	2.65	0.04	1.17	
	1401.70	1411.70	1	10.00	2.40	2.95	2.68	0.04	1.07	
	1411.70	1420.40	1	8.70	2.95	2.90	2.93	0.04	1.02	
	deduction									
			-20	1.00			1.00	0.04	-0.80	
	approch									
			1	1.00			1.50	0.04	0.06	
			1	2.00			2.50	0.04	0.20	
			1	1.00			4.00	0.04	0.16	
			1	4.00			2.00	0.04	0.32	
			1	6.00			0.30	0.04	0.07	
			1	1.00			0.60	0.04	0.02	
			1	3.00			0.90	0.04	0.11	
			1	5.50			1.10	0.04	0.24	
			1	5.50			0.90	0.04	0.20	
			1	4.00			0.75	0.04	0.12	
			1	1.00			1.00	0.04	0.04	
			1	1.00			3.00	0.04	0.12	
			1	4.00			2.00	0.04	0.32	
			1	3.00			1.00	0.04	0.12	
			1	1.00			1.50	0.04	0.06	
			1	1.00			1.00	0.04	0.04	
			1	1.00			5.00	0.04	0.20	
			1	1.00			2.00	0.04	0.08	
			1	0.20			2.00	0.04	0.02	
			1	1.00			0.90	0.04	0.04	
			1	0.50			5.00	0.04	0.10	
			1	0.25			3.00	0.04	0.03	
			1	1.10			1.00	0.04	0.04	
			1	2.00			2.10	0.04	0.17	
			1	0.70			10.00	0.04	0.28	
1st cross from banglur main road										
	0.00	30.00	1	30.00	1.50	1.60	1.55	0.04	1.86	
	30.00	60.00	1	30.00	1.60	1.55	1.58	0.04	1.89	
	60.00	90.00	1	30.00	1.55	1.45	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	150.00	1	30.00	1.30	1.50	1.40	0.04	1.68	
	150.00	180.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	180.00	210.00	1	30.00	1.45	1.30	1.38	0.04	1.65	

E.E. (Project)

E.E. (Project)

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

SLNO	CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	210.00	240.00	1	30.00	1.30	1.40	1.35	0.04	1.62	
	240.00	270.00	1	30.00	1.30	1.30	1.30	0.04	1.56	
	270.00	300.00	1	30.00	1.30	1.30	1.30	0.04	1.56	
	300.00	330.00	1	30.00	1.30	1.50	1.40	0.04	1.68	
	330.00	360.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	360.00	390.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	390.00	397.00	1	7.00	1.30	1.40	1.35	0.04	0.38	
c/r road 1										
	0.00	30.00	1	30.00	1.50	1.60	1.55	0.04	1.86	
	30.00	60.00	1	30.00	1.60	1.55	1.58	0.04	1.89	
	60.00	90.00	1	30.00	1.55	1.45	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	150.00	1	30.00	1.45	1.55	1.50	0.04	1.80	
	150.00	151.20	1	1.20	1.55	1.45	1.50	0.04	0.07	
2nd main in nirantara layout										
	0.00	30.00	1	30.00	1.50	1.60	1.55	0.04	1.86	
	30.00	60.00	1	30.00	1.60	1.55	1.58	0.04	1.89	
	60.00	90.00	1	30.00	1.55	1.45	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	150.00	1	30.00	1.35	1.50	1.43	0.04	1.71	
	150.00	180.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	180.00	210.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	210.00	240.00	1	30.00	1.30	1.40	1.35	0.04	1.62	
	240.00	254.50	1	14.50	1.30	1.30	1.30	0.04	0.75	
	254.50	259.50	1	5.00						
	259.50	289.50	1	30.00	1.30	1.50	1.40	0.04	1.68	
	289.50	294.50	1	5.00	1.50	1.45	1.48	0.04	0.30	
5th cross in nirantara layout										
	0.00	30.00	1	30.00	1.50	1.60	1.55	0.04	1.86	
	30.00	60.00	1	30.00	1.60	1.55	1.58	0.04	1.89	
	60.00	90.00	1	30.00	1.55	1.45	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	150.00	1	30.00	1.35	1.40	1.38	0.04	1.65	
	150.00	180.00	1	30.00	1.40	1.45	1.43	0.04	1.71	
	180.00	210.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	210.00	230.50	1	20.50	1.30	1.40	1.35	0.04	1.11	
	230.50	235.20	1	4.70	1.30	1.30	1.30	0.04	0.24	
c/r road 1										
	0.00	30.00	1	30.00	1.50	1.60	1.55	0.04	1.86	
	30.00	60.00	1	30.00	1.60	1.55	1.58	0.04	1.89	
	60.00	90.00	1	30.00	1.55	1.45	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	145.00	1	25.00	1.45	1.55	1.50	0.04	1.50	
	145.00	148.50	1	3.50	1.55	1.45	1.50	0.04	0.21	
2nd cross in nirantara layout										
	0.00	30.00	1	30.00	1.50	1.60	1.55	0.04	1.86	
	30.00	60.00	1	30.00	1.60	1.55	1.58	0.04	1.89	
	60.00	90.00	1	30.00	1.55	1.45	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	150.00	1	30.00	1.35	1.50	1.43	0.04	1.71	
	150.00	180.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	180.00	210.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	210.00	235.00	1	25.00	1.30	1.40	1.35	0.04	1.35	
	235.00	242.00	1	7.00						
	242.00	272.00	1	30.00	1.40	1.30	1.35	0.04	1.62	

E.E. (Project)

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

SLNO	CHAINAGE Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	272.00	302.00	1	30.00	1.30	1.50	1.40	0.04	1.68	
	302.00	332.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	332.00	362.00	1	30.00	1.50	1.30	1.40	0.04	1.68	
	362.00	392.00	1	30.00	1.30	1.50	1.40	0.04	1.68	
	392.00	399.20	1	7.20	1.50	1.45	1.48	0.04	0.42	
cross road 3										
	0.00	30.00	1	30.00	1.50	1.60	1.55	0.04	1.86	
	30.00	60.00	1	30.00	1.60	1.55	1.58	0.04	1.89	
	60.00	90.00	1	30.00	1.55	1.45	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	150.00	1	30.00	1.35	1.50	1.43	0.04	1.71	
	150.00	175.00	1	25.00	1.50	1.45	1.48	0.04	1.48	
	175.00	191.00	1	16.00	1.45	1.60	1.53	0.04	0.98	
3rd cross in nirantara layout										
	0.00	30.00	1	30.00	1.50	1.60	1.55	0.04	1.86	
	30.00	60.00	1	30.00	1.60	1.55	1.58	0.04	1.89	
	60.00	90.00	1	30.00	1.55	1.45	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	150.00	1	30.00	1.35	1.50	1.43	0.04	1.71	
	150.00	180.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	180.00	210.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	210.00	235.00	1	25.00	1.30	1.40	1.35	0.04	1.35	
	235.00	242.00	1	7.00						
	242.00	272.00	1	30.00	1.40	1.30	1.35	0.04	1.62	
	272.00	302.00	1	30.00	1.30	1.50	1.40	0.04	1.68	
	302.00	330.00	1	28.00	1.50	1.45	1.48	0.04	1.65	
4th cross road in nirantara layout										
	0.00	30.00	1	30.00	1.50	1.60	1.55	0.04	1.86	
	30.00	60.00	1	30.00	1.60	1.55	1.58	0.04	1.89	
	60.00	90.00	1	30.00	1.55	1.45	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	150.00	1	30.00	1.45	1.50	1.48	0.04	1.77	
	150.00	180.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	180.00	210.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	210.00	230.00	1	20.00	1.30	1.40	1.35	0.04	1.08	
	230.00	237.00	1	7.00						
	237.00	267.00	1	30.00	1.40	1.30	1.35	0.04	1.62	
	267.00	294.00	1	27.00	1.30	1.50	1.40	0.04	1.51	
1st cross from baglur main road										
	0.00	30.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	30.00	60.00	1	30.00	1.90	1.80	1.85	0.04	2.22	
	60.00	90.00	1	30.00	1.80	2.00	1.90	0.04	2.28	
	90.00	120.00	1	30.00	2.00	1.80	1.90	0.04	2.28	
	120.00	150.00	1	30.00	1.80	1.90	1.85	0.04	2.22	
	150.00	169.00	1	19.00	1.90	2.00	1.95	0.04	1.48	
2nd cross from bagluru main road to dead end										
	0.00	30.00	1	30.00	1.90	1.80	1.85	0.04	2.22	
	30.00	60.00	1	30.00	1.80	1.90	1.85	0.04	2.22	
	60.00	90.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	90.00	120.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	120.00	150.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	150.00	180.00	1	30.00	1.90	1.80	1.85	0.04	2.22	
	180.00	210.00	1	30.00	1.80	1.60	1.70	0.04	2.04	
	210.00	240.00	1	30.00	1.60	1.90	1.75	0.04	2.10	
	240.00	270.00	1	30.00	1.90	1.60	1.75	0.04	2.10	

E.E. (Project)

Asst. Executive Engineer
Project Division
Yelahanka Zone

SLNO	CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	270.00	300.00	1	30.00	1.60	1.90	1.75	0.04	2.10	
	300.00	330.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	330.00	360.00	1	30.00	1.90	2.00	1.95	0.04	2.34	
	360.00	390.00	1	30.00	2.00	2.00	2.00	0.04	2.40	
	390.00	420.00	1	30.00	2.00	1.90	1.95	0.04	2.34	
	420.00	450.00	1	30.00	1.90	1.80	1.85	0.04	2.22	
	450.00	480.00	1	30.00	1.80	1.90	1.85	0.04	2.22	
	480.00	510.00	1	30.00	1.90	1.80	1.85	0.04	2.22	
	510.00	540.00	1	30.00	1.80	2.00	1.90	0.04	2.28	
	540.00	570.00	1	30.00	2.00	1.60	1.80	0.04	2.16	
	570.00	600.00	1	30.00	1.60	1.60	1.60	0.04	1.92	
cross road 1 from 2nd cross to dead end										
	0.00	30.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	30.00	45.00	1	15.00	1.90	1.80	1.85	0.04	1.11	
baba nagar main road										
	0.00	30.00	1	30.00	1.50	1.60	1.55	0.04	1.86	
	30.00	60.00	1	30.00	1.60	1.55	1.58	0.04	1.89	
	60.00	90.00	1	30.00	1.55	1.45	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	150.00	1	30.00	1.30	1.50	1.40	0.04	1.68	
	150.00	180.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	180.00	210.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	210.00	240.00	1	30.00	1.30	1.40	1.35	0.04	1.62	
	240.00	270.00	1	30.00	1.30	1.30	1.30	0.04	1.56	
	270.00	300.00	1	30.00	1.30	1.30	1.30	0.04	1.56	
	300.00	330.00	1	30.00	1.30	1.50	1.40	0.04	1.68	
	330.00	360.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	360.00	390.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	390.00	392.00	1	2.00	1.30	1.40	1.35	0.04	0.11	
1st cross frm baba nagar main road										
	0.00	30.00	1	30.00	1.50	1.60	1.55	0.04	1.86	
	30.00	60.00	1	30.00	1.60	1.55	1.58	0.04	1.89	
	60.00	90.00	1	30.00	1.55	1.45	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	150.00	1	30.00	1.30	1.50	1.40	0.04	1.68	
	150.00	180.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	180.00	210.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	210.00	237.00	1	27.00	1.30	1.40	1.35	0.04	1.46	
2nd cross frm baba nagar main road										
	0.00	30.00	1	30.00	1.40	1.50	1.45	0.04	1.74	
	30.00	60.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	60.00	90.00	1	30.00	1.45	1.45	1.45	0.04	1.74	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	150.00	1	30.00	1.30	1.50	1.40	0.04	1.68	
	150.00	180.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	180.00	210.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	210.00	240.00	1	30.00	1.30	1.40	1.35	0.04	1.62	
	240.00	268.00	1	28.00	1.40	1.30	1.35	0.04	1.51	
9th Main in baba nagar										
	0.00	30.00	1	30.00	1.40	1.50	1.45	0.04	1.74	
	30.00	60.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	60.00	90.00	1	30.00	1.45	1.45	1.45	0.04	1.74	
	90.00	120.00	1	30.00	1.45	1.30	1.38	0.04	1.65	
	120.00	146.00	1	26.00	1.30	1.50	1.40	0.04	1.46	
8th Main in baba nagar										

E.E. (Project)

Asst. Executive Engineer
Project Division
Yelahanka Zone

SLNO	CHAINAGE Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	0.00	30.00	1	30.00	1.50	1.15	1.32	0.04	1.59	
	30.00	60.00	1	30.00	1.15	1.45	1.30	0.04	1.56	
	60.00	90.00	1	30.00	1.45	1.35	1.40	0.04	1.68	
	90.00	120.00	1	30.00	1.35	1.30	1.33	0.04	1.59	
	120.00	150.00	1	30.00	1.30	1.45	1.38	0.04	1.65	
	150.00	179.00	1	29.00	1.45	1.50	1.48	0.04	1.71	
7th Main in baba nagar										
	0.00	30.00	1	30.00	1.40	1.30	1.35	0.04	1.62	
	30.00	60.00	1	30.00	1.30	1.36	1.33	0.04	1.60	
	60.00	90.00	1	30.00	1.36	1.30	1.33	0.04	1.60	
	90.00	120.00	1	30.00	1.30	1.32	1.31	0.04	1.57	
	120.00	144.00	1	24.00	1.32	1.30	1.31	0.04	1.26	
6th Main in baba nagar										
	0.00	30.00	1	30.00	1.40	1.30	1.35	0.04	1.62	
	30.00	60.00	1	30.00	1.30	1.45	1.38	0.04	1.65	
	60.00	90.00	1	30.00	1.45	1.35	1.40	0.04	1.68	
	90.00	120.00	1	30.00	1.35	1.30	1.33	0.04	1.59	
	120.00	150.00	1	30.00	1.30	1.45	1.38	0.04	1.65	
	150.00	169.00	1	19.00	1.45	1.40	1.43	0.04	1.08	
5th Main in baba nagar										
	0.00	30.00	1	30.00	1.45	1.50	1.48	0.04	1.77	
	30.00	60.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	60.00	90.00	1	30.00	1.45	1.55	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.55	1.35	1.45	0.04	1.74	
	120.00	150.00	1	30.00	1.35	1.45	1.40	0.04	1.68	
	150.00	176.00	1	26.00	1.45	1.40	1.43	0.04	1.48	
4th Main in baba nagar										
	0.00	30.00	1	30.00	1.50	1.50	1.50	0.04	1.80	
	30.00	60.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	60.00	90.00	1	30.00	1.45	1.55	1.50	0.04	1.80	
	90.00	120.00	1	30.00	1.55	1.35	1.45	0.04	1.74	
	120.00	150.00	1	30.00	1.35	1.45	1.40	0.04	1.68	
	150.00	180.00	1	30.00	1.45	1.40	1.43	0.04	1.71	
	180.00	210.00	1	30.00	1.40	1.35	1.38	0.04	1.65	
	210.00	235.00	1	25.00	1.35	1.45	1.40	0.04	1.40	
2nd Main in baba nagar										
	0.00	30.00	1	30.00	1.45	1.40	1.43	0.04	1.71	
	30.00	60.00	1	30.00	1.40	1.30	1.35	0.04	1.62	
	60.00	90.00	1	30.00	1.30	1.20	1.25	0.04	1.50	
	90.00	120.00	1	30.00	1.20	1.30	1.25	0.04	1.50	
	120.00	150.00	1	30.00	1.30	1.45	1.38	0.04	1.65	
	150.00	162.00	1	12.00	1.45	1.40	1.43	0.04	0.68	
						Sub Total Quantity A			461.98	Cum

E.E. (Project)

ward no 6

8th cross road from 1st main road to 2nd main road										
	0.00	30.00	1	30.00	1.90	1.80	1.85	0.04	2.22	
	30.00	60.00	1	30.00	1.80	1.90	1.85	0.04	2.22	
	60.00	90.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	90.00	120.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	120.00	150.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	150.00	180.00	1	30.00	1.90	1.80	1.85	0.04	2.22	
	180.00	210.00	1	30.00	1.80	1.60	1.70	0.04	2.04	
	210.00	240.00	1	30.00	1.60	1.90	1.75	0.04	2.10	
	240.00	265.00	1	25.00	1.90	1.60	1.75	0.04	1.75	

E.E. (Project)

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

SLNO	CHAINAGE Land Mark		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
9th cross road from 2nd main road to 1st main road										
	0.00	30.00	1	30.00	1.90	1.80	1.85	0.04	2.22	1
	30.00	60.00	1	30.00	1.80	1.90	1.85	0.04	2.22	1
	60.00	90.00	1	30.00	1.90	1.90	1.90	0.04	2.28	1
	90.00	120.00	1	30.00	1.90	1.90	1.90	0.04	2.28	1
	120.00	150.00	1	30.00	1.90	1.90	1.90	0.04	2.28	1
	150.00	180.00	1	30.00	1.90	1.80	1.85	0.04	2.22	1
	180.00	210.00	1	30.00	1.80	1.60	1.70	0.04	2.04	1
	210.00	240.00	1	30.00	1.60	1.90	1.75	0.04	2.10	1
	240.00	265.00	1	25.00	1.90	1.80	1.85	0.04	1.85	1
14th cross road from buvaneshwari nagara main road										
	0.00	30.00	1	30.00	1.65	1.80	1.73	0.04	2.07	1
	30.00	30.00	1	30.00	1.80	1.60	1.70	0.04	2.04	1
	30.00	60.00	1	30.00	1.60	1.70	1.65	0.04	1.98	1
	60.00	90.00	1	30.00	1.70	1.65	1.68	0.04	2.01	1
	90.00	120.00	1	30.00	1.65	1.85	1.75	0.04	2.10	1
	120.00	150.00	1	30.00	1.85	1.80	1.83	0.04	2.19	1
	150.00	180.00	1	30.00	1.80	1.75	1.78	0.04	2.13	1
	180.00	210.00	1	30.00	1.75	1.80	1.78	0.04	2.13	1
	210.00	240.00	1	30.00	1.80	1.75	1.78	0.04	2.13	1
	240.00	270.00	1	30.00	1.75	1.95	1.85	0.04	2.22	1
15th cross road from buvaneshwari nagara main road										
	0.00	30.00	1	30.00	1.70	1.80	1.75	0.04	2.10	1
	30.00	30.00	1	30.00	1.80	1.60	1.70	0.04	2.04	1
	30.00	60.00	1	30.00	1.60	1.70	1.65	0.04	1.98	1
	60.00	90.00	1	30.00	1.70	1.65	1.68	0.04	2.01	1
	90.00	120.00	1	30.00	1.65	1.85	1.75	0.04	2.10	1
	120.00	150.00	1	30.00	1.85	1.80	1.83	0.04	2.19	1
	150.00	180.00	1	30.00	1.80	1.75	1.78	0.04	2.13	1
	180.00	210.00	1	30.00	1.75	1.80	1.78	0.04	2.13	1
	210.00	240.00	1	30.00	1.80	1.75	1.78	0.04	2.13	1
	240.00	264.00	1	24.00	1.75	1.95	1.85	0.04	1.78	1
16th cross road from buvaneshwari nagara main road										
	0.00	30.00	1	30.00	2.00	2.10	2.05	0.04	2.46	1
	30.00	30.00	1	30.00	2.10	2.20	2.15	0.04	2.58	1
	30.00	60.00	1	30.00	2.20	2.10	2.15	0.04	2.58	1
	60.00	90.00	1	30.00	2.10	2.00	2.05	0.04	2.46	1
	90.00	120.00	1	30.00	2.00	1.90	1.95	0.04	2.34	1
	120.00	150.00	1	30.00	1.90	1.95	1.93	0.04	2.31	1
	150.00	180.00	1	30.00	1.95	1.89	1.92	0.04	2.30	1
	180.00	210.00	1	30.00	1.89	1.95	1.92	0.04	2.30	1
	210.00	240.00	1	30.00	1.95	2.00	1.98	0.04	2.37	1
	240.00	269.00	1	29.00	2.00	1.90	1.95	0.04	2.26	1
17th cross road from buvaneshwari nagara main road										
	0.00	30.00	1	30.00	1.95	2.10	2.03	0.04	2.43	1
	30.00	30.00	1	30.00	2.10	2.20	2.15	0.04	2.58	1
	30.00	60.00	1	30.00	2.20	2.10	2.15	0.04	2.58	1
	60.00	90.00	1	30.00	2.10	2.00	2.05	0.04	2.46	1
	90.00	120.00	1	30.00	2.00	1.90	1.95	0.04	2.34	1
	120.00	150.00	1	30.00	1.90	1.95	1.93	0.04	2.31	1
	150.00	180.00	1	30.00	1.95	1.89	1.92	0.04	2.30	1
	180.00	210.00	1	30.00	1.89	1.95	1.92	0.04	2.30	1
	210.00	240.00	1	30.00	1.95	2.00	1.98	0.04	2.37	1
	240.00	269.00	1	29.00	2.00	1.90	1.95	0.04	2.26	1
12th cross from 1st main road to dead end										

E.E. (Project)

E.E. (Project)

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E.E. (Project)

E.E. (Project)

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

SLNO	CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	0.00	30.00	1	30.00	2.00	1.90	1.95	0.04	2.34	
	30.00	60.00	1	30.00	1.90	1.95	1.93	0.04	2.31	
	60.00	90.00	1	30.00	1.95	1.90	1.93	0.04	2.31	
	90.00	120.00	1	30.00	1.90	1.98	1.94	0.04	2.33	
	120.00	150.00	1	30.00	1.98	1.96	1.97	0.04	2.36	
	150.00	180.00	1	30.00	1.96	1.95	1.96	0.04	2.35	
	180.00	210.00	1	30.00	1.95	2.00	1.98	0.04	2.37	
	210.00	231.00	1	21.00	2.00	1.90	1.95	0.04	1.64	
cross road from 14cross road to 12th cross										
	0.00	30.00	1	30.00	1.80	1.70	1.75	0.04	2.10	
	30.00	54.00	1	24.00	1.70	1.80	1.75	0.04	1.68	
11th cross road from 1st main road to dead end										
	0.00	30.00	1	30.00	2.00	1.90	1.95	0.04	2.34	
	30.00	60.00	1	30.00	1.90	1.95	1.93	0.04	2.31	
	60.00	85.00	1	25.00	1.95	1.90	1.93	0.04	1.93	
cross road from 12th cross to 9th cross										
	0.00	30.00	1	30.00	1.85	1.90	1.88	0.04	2.25	
	30.00	60.00	1	30.00	1.90	1.95	1.93	0.04	2.31	
	60.00	90.00	1	30.00	1.95	1.90	1.93	0.04	2.31	
	90.00	106.00	1	16.00	1.90	1.98	1.94	0.04	1.24	
10th cross from 1st main to dead end										
	0.00	30.00	1	30.00	1.50	1.55	1.52	0.04	1.83	
	30.00	43.00	1	13.00	1.55	1.40	1.47	0.04	0.77	
9th cross road from dead to 1st main										
	0.00	30.00	1	30.00	1.50	1.40	1.45	0.04	1.74	
	30.00	60.00	1	30.00	1.40	1.50	1.45	0.04	1.74	
	60.00	89.00	1	29.00	1.50	1.50	1.50	0.04	1.74	
8th cross from 1st main to dead end										
	0.00	30.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	30.00	60.00	1	30.00	1.45	1.35	1.40	0.04	1.68	
	60.00	90.00	1	30.00	1.35	1.50	1.43	0.04	1.71	
	90.00	120.00	1	30.00	1.50	1.55	1.53	0.04	1.83	
	120.00	150.00	1	30.00	1.55	1.65	1.60	0.04	1.92	
	150.00	180.00	1	30.00	1.65	1.45	1.55	0.04	1.86	
	180.00	210.00	1	30.00	1.45	1.65	1.55	0.04	1.86	
	210.00	240.00	1	30.00	1.65	1.45	1.55	0.04	1.86	
	240.00	270.00	1	30.00	1.45	1.50	1.48	0.04	1.77	
	270.00	298.00	1	28.00	1.50	1.60	1.55	0.04	1.74	
9th cross from 1st main to dead end										
	0.00	30.00	1	30.00	1.40	1.45	1.43	0.04	1.71	
	30.00	60.00	1	30.00	1.45	1.35	1.40	0.04	1.68	
	60.00	90.00	1	30.00	1.35	1.50	1.43	0.04	1.71	
	90.00	120.00	1	30.00	1.50	1.55	1.53	0.04	1.83	
	120.00	150.00	1	30.00	1.55	1.65	1.60	0.04	1.92	
	150.00	180.00	1	30.00	1.65	1.45	1.55	0.04	1.86	
	180.00	210.00	1	30.00	1.45	1.65	1.55	0.04	1.86	
	210.00	234.00	1	24.00	1.65	1.45	1.55	0.04	1.49	
10th cross from 1st main to dead end										
	0.00	30.00	1	30.00	1.50	1.45	1.48	0.04	1.77	
	30.00	60.00	1	30.00	1.45	1.35	1.40	0.04	1.68	
	60.00	90.00	1	30.00	1.35	1.50	1.43	0.04	1.71	
	90.00	120.00	1	30.00	1.50	1.55	1.53	0.04	1.83	
	120.00	150.00	1	30.00	1.55	1.65	1.60	0.04	1.92	
	150.00	180.00	1	30.00	1.65	1.45	1.55	0.04	1.86	
	180.00	210.00	1	30.00	1.45	1.65	1.55	0.04	1.86	

E.E. (Project)

Asst. Executive Engineer
Project Division
Yelahanka Zone

SLNO	CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	210.00	236.00	1	26.00	1.65	1.45	1.55	0.04	1.61	
11th cross from 1st main to dead end										
	0.00	30.00	1	30.00	1.35	1.45	1.40	0.04	1.68	
	30.00	60.00	1	30.00	1.45	1.35	1.40	0.04	1.68	
	60.00	90.00	1	30.00	1.35	1.50	1.43	0.04	1.71	
	90.00	120.00	1	30.00	1.50	1.55	1.53	0.04	1.83	
	120.00	150.00	1	30.00	1.55	1.65	1.60	0.04	1.92	
	150.00	180.00	1	30.00	1.65	2.00	1.83	0.04	2.19	
	180.00	210.00	1	30.00	2.00	1.65	1.83	0.04	2.19	
	210.00	236.00	1	26.00	1.65	1.45	1.55	0.04	1.61	
12th cross from 1st main to dead end										
	0.00	30.00	1	30.00	1.45	1.50	1.48	0.04	1.77	
	30.00	60.00	1	30.00	1.50	1.40	1.45	0.04	1.74	
	60.00	90.00	1	30.00	1.40	1.50	1.45	0.04	1.74	
	90.00	120.00	1	30.00	1.50	1.55	1.53	0.04	1.83	
	120.00	150.00	1	30.00	1.55	1.65	1.60	0.04	1.92	
	150.00	180.00	1	30.00	1.65	2.00	1.83	0.04	2.19	
	180.00	210.00	1	30.00	2.00	1.65	1.83	0.04	2.19	
	210.00	240.00	1	30.00	1.65	1.45	1.55	0.04	1.86	
	240.00	270.00	1	30.00	1.45	1.65	1.55	0.04	1.86	
	270.00	300.00	1	30.00	1.65	2.00	1.83	0.04	2.19	
	300.00	330.00	1	30.00	2.00	1.65	1.83	0.04	2.19	
	330.00	360.00	1	30.00	1.65	1.45	1.55	0.04	1.86	
	360.00	390.00	1	30.00	1.45	1.65	1.55	0.04	1.86	
	390.00	420.00	1	30.00	1.65	2.00	1.83	0.04	2.19	
	420.00	446.00	1	26.00	2.00	1.65	1.83	0.04	1.90	
13th cross from 1st main to dead end										
	0.00	30.00	1	30.00	1.45	1.50	1.48	0.04	1.77	
	30.00	60.00	1	30.00	1.50	1.40	1.45	0.04	1.74	
	60.00	90.00	1	30.00	1.40	1.50	1.45	0.04	1.74	
	90.00	120.00	1	30.00	1.50	1.55	1.53	0.04	1.83	
	120.00	150.00	1	30.00	1.55	1.65	1.60	0.04	1.92	
	150.00	180.00	1	30.00	1.65	2.00	1.83	0.04	2.19	
	180.00	210.00	1	30.00	2.00	1.65	1.83	0.04	2.19	
	210.00	240.00	1	30.00	1.65	1.45	1.55	0.04	1.86	
	240.00	268.00	1	28.00	1.45	1.65	1.55	0.04	1.74	
1st main maruthi nagar										
	0.00	30.00	1	30.00	1.60	1.50	1.55	0.04	1.86	
	30.00	60.00	1	30.00	1.50	1.55	1.53	0.04	1.83	
	60.00	90.00	1	30.00	1.55	1.65	1.60	0.04	1.92	
	90.00	120.00	1	30.00	1.65	1.56	1.61	0.04	1.93	
	120.00	150.00	1	30.00	1.56	1.56	1.56	0.04	1.87	
	150.00	180.00	1	30.00	1.56	1.45	1.51	0.04	1.81	
	180.00	210.00	1	30.00	1.45	1.65	1.55	0.04	1.86	
	210.00	240.00	1	30.00	1.65	1.58	1.62	0.04	1.94	
	240.00	270.00	1	30.00	1.58	1.25	1.42	0.04	1.70	
	270.00	300.00	1	30.00	1.25	1.65	1.45	0.04	1.74	
	300.00	330.00	1	30.00	1.65	1.35	1.50	0.04	1.80	
	330.00	360.00	1	30.00	1.35	1.69	1.52	0.04	1.82	
	360.00	390.00	1	30.00	1.69	1.69	1.69	0.04	2.03	
	390.00	420.00	1	30.00	1.69	1.68	1.69	0.04	2.02	
	420.00	450.00	1	30.00	1.68	1.86	1.77	0.04	2.12	
	450.00	480.00	1	30.00	1.86	1.67	1.77	0.04	2.12	
	480.00	510.00	1	30.00	1.67	1.68	1.68	0.04	2.01	
	510.00	540.00	1	30.00	1.68	1.67	1.68	0.04	2.01	

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SLNO	CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	540.00	570.00	1	30.00	1.67	1.68	1.68	0.04	2.01	1
	570.00	600.00	1	30.00	1.68	1.65	1.67	0.04	2.00	1
	600.00	628.00	1	28.00	1.65	1.60	1.63	0.04	1.82	1
14th cross road from maruthi nagar nagara main road										
	0.00	30.00	1	30.00	1.90	1.80	1.85	0.04	2.22	1
	30.00	30.00	1	30.00	1.80	1.90	1.85	0.04	2.22	1
	30.00	60.00	1	30.00	1.90	1.90	1.90	0.04	2.28	1
	60.00	90.00	1	30.00	1.90	1.90	1.90	0.04	2.28	1
	90.00	110.00	1	20.00	1.90	1.90	1.90	0.04	1.52	1
	110.00	131.00	1	21.00	3.20	4.12	3.66	0.04	3.07	1
8th cross from 1st main to dead end										
	0.00	30.00	1	30.00	1.90	1.90	1.90	0.04	2.28	1
	30.00	60.00	1	30.00	1.90	1.95	1.93	0.04	2.31	1
	60.00	90.00	1	30.00	1.95	2.00	1.98	0.04	2.37	1
	90.00	120.00	1	30.00	2.00	2.10	2.05	0.04	2.46	1
	120.00	150.00	1	30.00	2.10	2.15	2.13	0.04	2.55	1
	150.00	180.00	1	30.00	2.15	2.10	2.13	0.04	2.55	1
	180.00	208.00	1	28.00	2.10	2.00	2.05	0.04	2.30	1
12th cross from 1st main to jakkur main road										
	0.00	30.00	1	30.00	1.90	1.80	1.85	0.04	2.22	1
	30.00	60.00	1	30.00	1.80	1.90	1.85	0.04	2.22	1
	60.00	90.00	1	30.00	1.90	1.90	1.90	0.04	2.28	1
	90.00	120.00	1	30.00	1.90	1.90	1.90	0.04	2.28	1
	120.00	150.00	1	30.00	1.90	1.90	1.90	0.04	2.28	1
	150.00	180.00	1	30.00	1.90	1.80	1.85	0.04	2.22	1
	180.00	210.00	1	30.00	1.80	1.60	1.70	0.04	2.04	1
	210.00	229.00	1	19.00	1.60	1.90	1.75	0.04	1.33	1
13th cross from 1st main to dead end										
	0.00	30.00	1	30.00	2.00	1.80	1.90	0.04	2.28	1
	30.00	60.00	1	30.00	1.80	2.00	1.90	0.04	2.28	1
	60.00	90.00	1	30.00	2.00	1.90	1.95	0.04	2.34	1
	90.00	120.00	1	30.00	1.90	2.00	1.95	0.04	2.34	1
	120.00	150.00	1	30.00	2.00	2.00	2.00	0.04	2.40	1
	150.00	180.00	1	30.00	2.00	1.80	1.90	0.04	2.28	1
	180.00	210.00	1	30.00	1.80	1.60	1.70	0.04	2.04	1
	210.00	231.00	1	21.00	1.60	1.90	1.75	0.04	1.47	1
14th cross from 1st main to dead end										
	0.00	30.00	1	30.00	1.80	1.80	1.80	0.04	2.16	1
	30.00	60.00	1	30.00	1.80	1.75	1.78	0.04	2.13	1
	60.00	90.00	1	30.00	1.75	1.75	1.75	0.04	2.10	1
	90.00	120.00	1	30.00	1.75	1.76	1.76	0.04	2.11	1
	120.00	150.00	1	30.00	1.76	1.90	1.83	0.04	2.20	1
	150.00	180.00	1	30.00	1.90	1.80	1.85	0.04	2.22	1
	180.00	210.00	1	30.00	1.80	1.60	1.70	0.04	2.04	1
	210.00	231.00	1	21.00	1.60	1.90	1.75	0.04	1.47	1
1st cross from 1st main road to jakkur main road										
	0.00	30.00	1	30.00	2.10	2.10	2.10	0.04	2.52	1
	30.00	60.00	1	30.00	2.10	2.20	2.15	0.04	2.58	1
	60.00	90.00	1	30.00	2.20	2.00	2.10	0.04	2.52	1
	90.00	120.00	1	30.00	2.00	2.30	2.15	0.04	2.58	1
	120.00	150.00	1	30.00	2.30	2.40	2.35	0.04	2.82	1
	150.00	175.00	1	25.00	2.40	2.10	2.25	0.04	2.25	1
	175.00	182.00	1	7.00						cross road
	182.00	212.00	1	30.00	2.10	2.10	2.10	0.04	2.52	1

E.E. (Project)

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Project Division
Yelahanka Zone
Bangalore

SLNO	CHAINAGE		NO	L	B1	B2	Avg B	Avg D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	212.00	242.00	1	30.00	2.10	2.40	2.25	0.04	2.70	
	242.00	272.00	1	30.00	2.40	2.30	2.35	0.04	2.82	
	272.00	302.00	1	30.00	2.30	2.40	2.35	0.04	2.82	
	302.00	332.00	1	30.00	2.40	2.20	2.30	0.04	2.76	
	332.00	362.00	1	30.00	2.20	2.30	2.25	0.04	2.70	
	362.00	392.00	1	30.00	2.30	2.40	2.35	0.04	2.82	
	392.00	422.00	1	30.00	2.40	2.40	2.40	0.04	2.88	
	422.00	444.00	1	22.00	2.40	2.40	2.40	0.04	2.11	
2nd cross from jakkur main road to 1st main road										
	0.00	30.00	1	30.00	1.90	2.00	1.95	0.04	2.34	
	30.00	60.00	1	30.00	2.00	1.90	1.95	0.04	2.34	
	60.00	90.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	90.00	120.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	120.00	150.00	1	30.00	1.90	2.00	1.95	0.04	2.34	
	150.00	180.00	1	30.00	2.00	1.80	1.90	0.04	2.28	
	180.00	210.00	1	30.00	1.80	2.00	1.90	0.04	2.28	
	210.00	231.00	1	21.00	2.00	1.90	1.95	0.04	1.64	
	231.00	238.00	1	7.00						
	238.00	268.00	1	30.00	2.10	1.90	2.00	0.04	2.40	
	268.00	298.00	1	30.00	1.90	2.00	1.95	0.04	2.34	
	298.00	328.00	1	30.00	2.00	2.00	2.00	0.04	2.40	
	328.00	358.00	1	30.00	2.00	2.00	2.00	0.04	2.40	
	358.00	388.00	1	30.00	2.00	1.90	1.95	0.04	2.34	
	388.00	418.00	1	30.00	1.90	1.80	1.85	0.04	2.22	
	418.00	440.00	1	22.00	1.80	2.00	1.90	0.04	1.67	
3rd cross from 1st main road to jakkur main road										
	0.00	30.00	1	30.00	2.20	2.30	2.25	0.04	2.70	
	30.00	60.00	1	30.00	2.30	2.10	2.20	0.04	2.64	
	60.00	90.00	1	30.00	2.10	2.20	2.15	0.04	2.58	
	90.00	120.00	1	30.00	2.20	2.30	2.25	0.04	2.70	
	120.00	150.00	1	30.00	2.30	2.10	2.20	0.04	2.64	
	150.00	173.00	1	23.00	2.10	2.20	2.15	0.04	1.98	
	173.00	180.00	1	7.00						
	180.00	210.00	1	30.00	2.10	2.30	2.20	0.04	2.64	
	210.00	240.00	1	30.00	2.30	2.20	2.25	0.04	2.70	
	240.00	270.00	1	30.00	2.20	2.20	2.20	0.04	2.64	
	270.00	300.00	1	30.00	2.20	2.20	2.20	0.04	2.64	
	300.00	330.00	1	30.00	2.20	0.20	1.20	0.04	1.44	
	330.00	360.00	1	30.00	0.20	2.40	1.30	0.04	1.56	
	360.00	390.00	1	30.00	2.40	2.35	2.38	0.04	2.85	
	390.00	417.00	1	27.00	2.35	2.10	2.23	0.04	2.40	
4th cross from jakkur main road to 1st main road										
	0.00	30.00	1	30.00	2.10	2.10	2.10	0.04	2.52	
	30.00	60.00	1	30.00	2.10	2.30	2.20	0.04	2.64	
	60.00	90.00	1	30.00	2.30	2.40	2.35	0.04	2.82	
	90.00	120.00	1	30.00	2.40	2.50	2.45	0.04	2.94	
	120.00	150.00	1	30.00	2.50	2..15	2.50	0.04	3.00	
	150.00	180.00	1	30.00	2..15	2.32	2.32	0.04	2.78	
	180.00	210.00	1	30.00	2.32	2.10	2.21	0.04	2.65	
	210.00	230.00	1	20.00	2.10	2.20	2.15	0.04	1.72	
	230.00	237.00	1	7.00						
	237.00	267.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	267.00	297.00	1	30.00	1.90	1.90	1.90	0.04	2.28	
	297.00	327.00	1	30.00	1.90	2.00	1.95	0.04	2.34	
	327.00	357.00	1	30.00	2.00	2.00	2.00	0.04	2.40	

E.E. (Project)

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